

INSTALLATION TOOL FOR AEROSPACE FASTENING SYSTEM

ABSTRACT OF THE DISCLOSURE

5 A system, for installation of fastening systems to a structure, includes a fastening system installation specification, which includes dimensional and qualitative requirements for components of the fastening systems; and a tool. The tool includes an outer housing having an interior hollow, a gage surface, and a base surface, the base surface having a contact area that contacts the 10 surface of the structure. An inner plug disposed within the interior hollow translates axially within the interior hollow. The inner plug has a sensing end that contacts a bolt of the fastening system and references the shank section of the bolt. The inner plug has an indicator end dimensioned to accept washers and nuts of the fastening system stacked on the gage surface. The inner plug 15 has an indicator that provides installation information, according to either qualitative or dimensional requirements, about the components of the fastening system being installed using the tool.